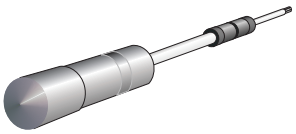
hp StorageWorks

director 2/64 torque tool caution flyer

Part Number: A6534-96021/AA-RT4LA-TE

The torque tool (P/N A6534-67011) with 5/32-inch hexagonal adapter (P/N A6534-67012) shown at right is required to remove and replace director logic cards.



CAUTION: Use of the wrong tool may overtighten and damage the director logic and port cards.The torque tool supplied with the director is designed to tighten these cards and is set to release at a torque value of six inch-pounds. *Do not* use an Allen wrench or torque tool designed for use with another HP product.

Module Removal Procedure

CAUTION: Refer to the specific FRU Removal and Replacement procedures located in Chapter 4 of the *hp StorageWorks director 2/64 service manual* before performing a FRU repair. This reference gives additional steps that are required to reduce the possibility of problems or customer down time.

To remove a card:

1. Insert the torque tool into the locking Allen screw at the bottom of the card. Turn the screw counterclockwise until the spring releases and the tool turns freely. The module is now unlocked.
2. Insert the torque tool into the top Allen screw at the top of the card. To unseat the card and back it out of the backplane, turn the screw counterclockwise until the tool turns freely.
3. Pull the card from its card track and remove it from the director chassis. Place the card in an antistatic bag to provide ESD protection.

Module Installation Procedure

To replace a card:

1. Insert the torque tool into the top Allen screw at the top of the card. Turn the torque tool clockwise until you feel it release and hear a clicking sound. As the screw turns clockwise, the card inserts into the backplane connector.
2. Insert the torque tool into the locking Allen screw at the bottom of the card. Turn the torque tool clockwise until you feel it release and hear a clicking sound. As the screw turns clockwise, the card locks into place.

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